

**Name:** William Roth  
**Project Name:** KAUS ILEXY SID  
**Output File:** KAUS ILEXY SID HOOKK  
ZENZI 20161219\_1413  
**Procedure Name:** ILEXY  
**Software:** RNAV-Pro™  
**Version:** 2.39  
**Date/Time:** 12/19/2016 2:13:49 PM  
**Input File:** [KAUS ILEXY SID HOOKK  
ZENZI 20161219\\_1336.txt](#)  
**Databases:** AIRNAV Date: 12/9/2016  
CIFP Date: 8/18/2016  
DTED® (MAX) Date: 2002

## Results Summary:

**Flyability**



**DME/DME**



No Critical DMEs Exist

**Radars**

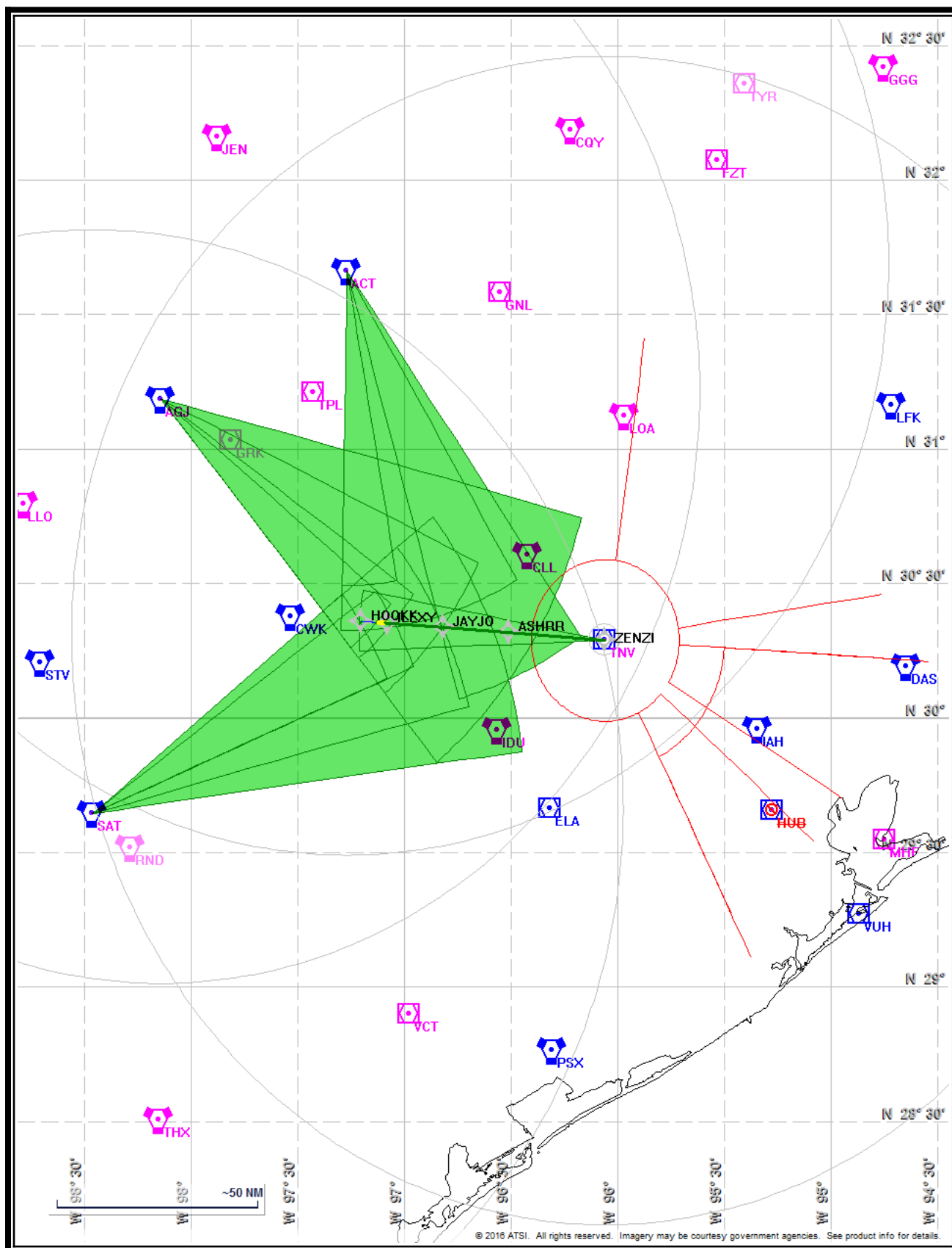


**Comms**



**TERPS**

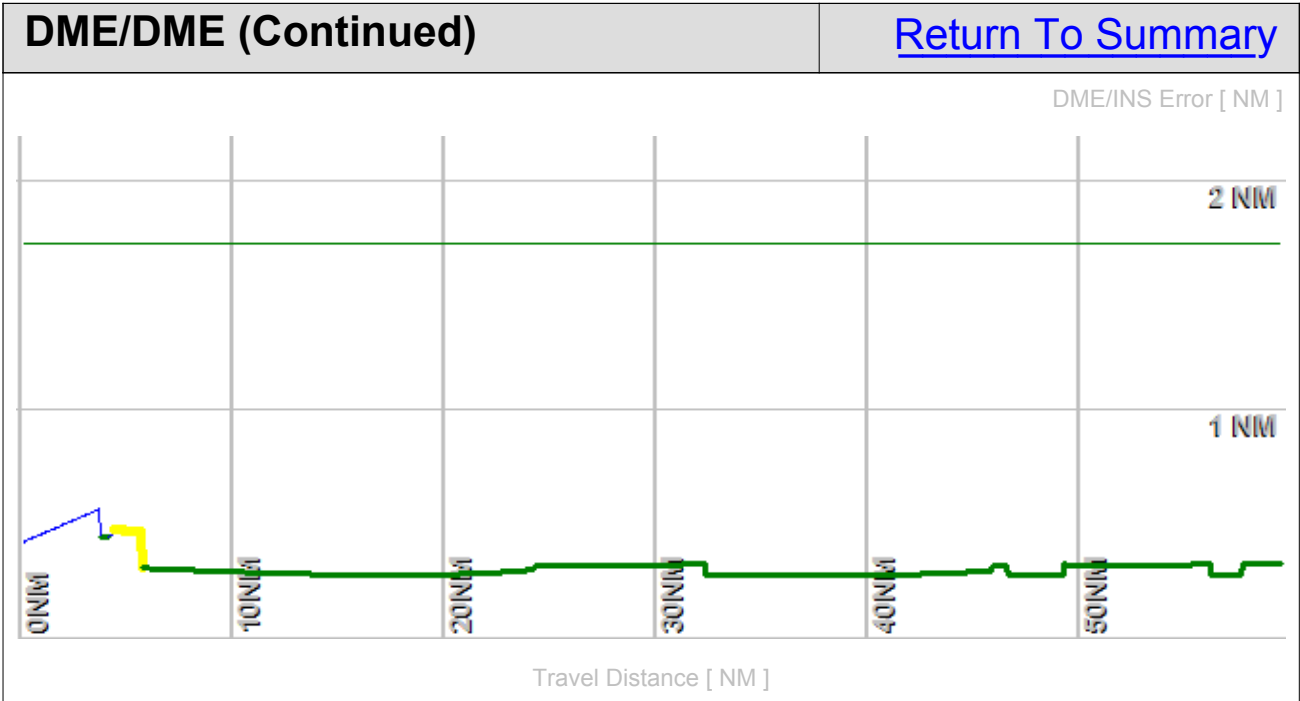




Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
HOOKK	WP	N 30° 21' 36.00" W 97° 12' 10.88"	5000.0	Step	180.0	Fly By	TF
ILEXY	WP	N 30° 21' 10.00" W 97° 4' 45.46"	6200.0	VNAV	180.0	Fly By	TF
JAYJO	WP	N 30° 20' 13.74" W 96° 48' 54.05"	8900.0	VNAV	180.0	Fly By	TF
ASHRR	WP	N 30° 19' 4.57" W 96° 30' 27.66"	12000.0	VNAV	240.0	Fly By	TF
ZENZI	WP	N 30° 17' 18.74" W 96° 3' 30.35"	18000.0	VNAV	240.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition <b>Selected Airport:</b> KAUS <b>Aircraft Category:</b> Cat D <b>Climb Gradient:</b> <i>None assigned</i> <b>Ground Speeds:</b> Table: <b>200.0 Kts</b> up to <b>29000.0 ft</b> <b>280.0 Kts</b> up to <b>99900.0 ft</b> <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
	Entire track is fly-able	

DME/DME	<a href="#">Return To Summary</a>
<b>Settings:</b>	<p> <b>RNP:</b> 2.0  <b>Flight Mode:</b> Manual  <b>Line of Sight (DTED Level 0 Max):</b> Evaluated  <b>DME Restrictions:</b> Evaluated  <b>Inertial Drift:</b> Enabled              <b>Initial Drift:</b> 0.558 NM              <b>INS Drift Rate:</b> 8.000 NM/Hour  <b>Range Mode:</b> OSV  <b>Co-Frequencies:</b> Evaluated  <b>RNP Edges:</b> Evaluated  <b>Min DME Range:</b> 3.0 NM  <b>Allowed Gap Length:</b> 4.0 NM  <b>DME Types:</b> VOR/DME, VORTAC, Standalone, and User  <b>DME Include Angles:</b> 30 to 150  <b>Critical DMEs:</b> Allowed  <b>DoD Facilities:</b> Not included  <b>Foreign Facilities:</b> Not included  <b>Low DMEs:</b> Included  <b>Terminal DMEs:</b> Included  <b>Flight Check DMEs:</b> Selected  <b>Higher Altitudes:</b> Evaluated  <b>Near Maximum Altitude:</b> Evaluated         </p>
<p> <b>Total Number of DMEs Used:</b> 8  <b>Maximum DME Error:</b> 0.567 NM.  <b>No Critical DMEs were found.</b>  <b>Available DMEs:</b> AGJ, TNV, CWK, IDU, CLL, ACT, SAT, PSX, DAS, VUH, ELA, LFK  <b>Disabled DMEs:</b> HUB  <b>Co-Frequency Interference:</b> 111.4(FZT)         </p>	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H + <a href="#">ESV</a>	User	NO	0.731	Enabled	14.4%	14.4%
2	TNV	N 30° 17' 18.70" W 96° 3' 29.66" 08 E	H + <a href="#">ESV</a>	User	NO	0.607	Enabled	28.5%	28.5%
3	CWK	N 30° 22' 42.78" W 97° 31' 47.45" 06 E	H	Database	NO	0.567	Enabled	13.4%	13.4%
4	IDU	N 29° 57' 21.81" W 96° 33' 43.90" 08 E	L	Database	NO	0.700	Enabled	48.7%	48.7%
5	CLL	N 30° 36' 18.01" W 96° 25' 14.45" 08 E	L	Database	NO	0.567	Enabled	61.6%	61.6%
6	PSX	N 28° 45' 51.93" W 96° 18' 22.25" 08 E	H	Database	NO	0.567	Enabled	11.7%	11.7%
7	ELA	N 29° 39' 44.93" W 96° 19' 1.65" 08 E	H	Database	NO	0.567	Enabled	4.5%	4.5%
8	VUH	N 29° 16' 9.60" W 94° 52' 3.81" 06 E	H	Database	NO	0.567	Enabled	4.3%	4.3%
	Total Coverage							93.5%	93.5%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		TNV	AGJ	CWK	IDU	CLL			
6.4		TNV	AGJ	CWK	IDU	CLL			
20.2		TNV	AGJ	ACT	IDU	CLL	SAT		
36.2		TNV	ELA	PSX	IDU	CLL	ACT		
49.3		CWK	VUH	PSX	IDU	CLL	DAS		
Inertial Drift Segments									
#	Start Location			End Location			Length [NM]		
1	N 30° 21' 35.77" W 97° 12' 6.94"			N 30° 21' 21.25" W 97° 7' 56.97"			3.6		
VOR: CWK				Available from N 30° 21' 35.77" W 97° 12' 6.94" to N 30° 21' 21.25" W 97° 7' 56.97"					
VOR: IDU				Available from N 30° 21' 30.20" W 97° 10' 30.74" to N 30° 21' 21.25" W 97° 7' 56.97"					
VOR: CLL				Available from N 30° 21' 21.92" W 97° 8' 8.51" to N 30° 21' 21.25" W 97° 7' 56.97"					

DME/DME (Continued)			<a href="#">Return To Summary</a>
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
2	N 30° 21' 19.23" W 97° 7' 22.38"	N 30° 21' 18.56" W 97° 7' 10.94"	0.2
	VOR: CWK	Available from N 30° 21' 19.23" W 97° 7' 22.38" to N 30° 21' 18.56" W 97° 7' 10.94"	
	VOR: IDU	Available from N 30° 21' 19.23" W 97° 7' 22.38" to N 30° 21' 18.56" W 97° 7' 10.94"	
	VOR: CLL	Available from N 30° 21' 19.23" W 97° 7' 22.38" to N 30° 21' 18.56" W 97° 7' 10.94"	



Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
HOOKK	ILEXY	TNV, AGJ, CLL, CWK, and IDU
ILEXY	JAYJO	TNV, AGJ, CLL, CWK, and IDU
JAYJO	ASHRR	TNV, AGJ, ACT, CLL, IDU, SAT*, and CWK*
ASHRR	ZENZI	TNV, CLL, CWK, ELA, IDU, PSX, VUH, AGJ*, ACT*, DAS*, and LFK*

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	ILEXY_20161219.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	HUB	N 29° 39' 20.22" W 95° 16' 35.83" 05 E	H	46.9	117.10	HUB	Disabled
2	ACT	N 31° 39' 44.39" W 97° 16' 8.53" 09 E	H	510.0	115.30	ACT	Not Used
		ESV:	Bearing [True]: 170.0° to 181.0° Bearing [Mag]: 161.0° to 172.0°		Arc Distance: Out to 70.0 NM Altitude: 5400.0 to 16000.0 ft		
		ESV:	Bearing [True]: 149.0° to 181.0° Bearing [Mag]: 140.0° to 172.0°		Arc Distance: Out to 80.0 NM Altitude: 6200.0 to 16000.0 ft		
		ESV:	Bearing [True]: 145.0° to 164.0° Bearing [Mag]: 136.0° to 155.0°		Arc Distance: Out to 99.0 NM Altitude: 9700.0 to 16000.0 ft		
3	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H	1190.8	112.50	AGJ	Used
		ESV:	Bearing [True]: 125.0° to 140.0° Bearing [Mag]: 120.0° to 135.0°		Arc Distance: Out to 75.0 NM Altitude: 5700.0 to 16000.0 ft		
		ESV:	Bearing [True]: 115.0° to 140.0° Bearing [Mag]: 110.0° to 135.0°		Arc Distance: Out to 85.0 NM Altitude: 7000.0 to 16000.0 ft		
		ESV:	Bearing [True]: 129.0° to 140.0° Bearing [Mag]: 124.0° to 135.0°		Arc Distance: Out to 72.0 NM Altitude: 5000.0 to 16000.0 ft		
		ESV:	Bearing [True]: 104.0° to 140.0° Bearing [Mag]: 99.0° to 135.0°		Arc Distance: Out to 105.0 NM Altitude: 9700.0 to 18000.0 ft		
4	TNV	N 30° 17' 18.70" W 96° 3' 29.66" 08 E	H	247.4	115.90	TNV	Used
		Restriction:	Bearing [True]: 153.0° to 8.0° Bearing [Mag]: 145.0° to 360.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 ft		
		Restriction:	Bearing [True]: 8.0° to 81.0° Bearing [Mag]: 360.0° to 73.0°		Distance: Beyond 18.0 NM Altitude: Below 3000.0 ft		
		Restriction:	Bearing [True]: 93.0° to 121.0° Bearing [Mag]: 85.0° to 113.0°		Distance: Beyond 18.0 NM Altitude: Below 3000.0 ft		
		Restriction:	Bearing [True]: 93.0° to 153.0° Bearing [Mag]: 85.0° to 145.0°		Distance: Beyond 29.0 NM Altitude: Below 4000.0 ft		
		Restriction:	Bearing [True]: 131.0° to 153.0° Bearing [Mag]: 123.0° to 145.0°		Distance: Beyond 18.0 NM Altitude: Below 3000.0 ft		
		Restriction:	Bearing [True]: 81.0° to 93.0° Bearing [Mag]: 73.0° to 85.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 ft		
		ESV:	Bearing [True]: 268.0° to 281.0° Bearing [Mag]: 260.0° to 273.0°		Arc Distance: Out to 60.0 NM Altitude: 5000.0 to 16000.0 ft		

User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
5	SAT	N 29° 38' 38.51" W 98° 27' 40.73" 08 E	H	1160.0	116.80	SAT	Not Used
		ESV:	Bearing [True]: 54.0° to 67.0° Bearing [Mag]: 46.0° to 59.0°		Arc Distance: Out to 85.0 NM Altitude: 7100.0 to 16000.0 ft		
		ESV:	Bearing [True]: 51.0° to 75.0° Bearing [Mag]: 43.0° to 67.0°		Arc Distance: Out to 95.0 NM Altitude: 8600.0 to 18000.0 ft		
		ESV:	Bearing [True]: 51.0° to 67.0° Bearing [Mag]: 43.0° to 59.0°		Arc Distance: Out to 78.0 NM Altitude: 6200.0 to 16000.0 ft		
		ESV:	Bearing [True]: 51.0° to 82.0° Bearing [Mag]: 43.0° to 74.0°		Arc Distance: Out to 106.0 NM Altitude: 10100.0 to 18000.0 ft		